

MONTHLY OPERATIONS REPORT

April 2015

Town of Discovery Bay, CA

2039 Days of Safe Operations

91481 worked hours since last recordable incident

TRAINING:

Safety, Operations, & Equipment

Safety	Hours
West Monthly Regional Safety Webinar Weekly Safety Topics	2.0
Operations	

REPORTS SUBMITTED TO REGULATORY AGENCIES

Monthly Discharge Monitoring Report (DMR) Monthly electronic State Monitoring Report (eSMR) Monthly Coliform Report, State Water Board (WD) 1 st Qtr. Report

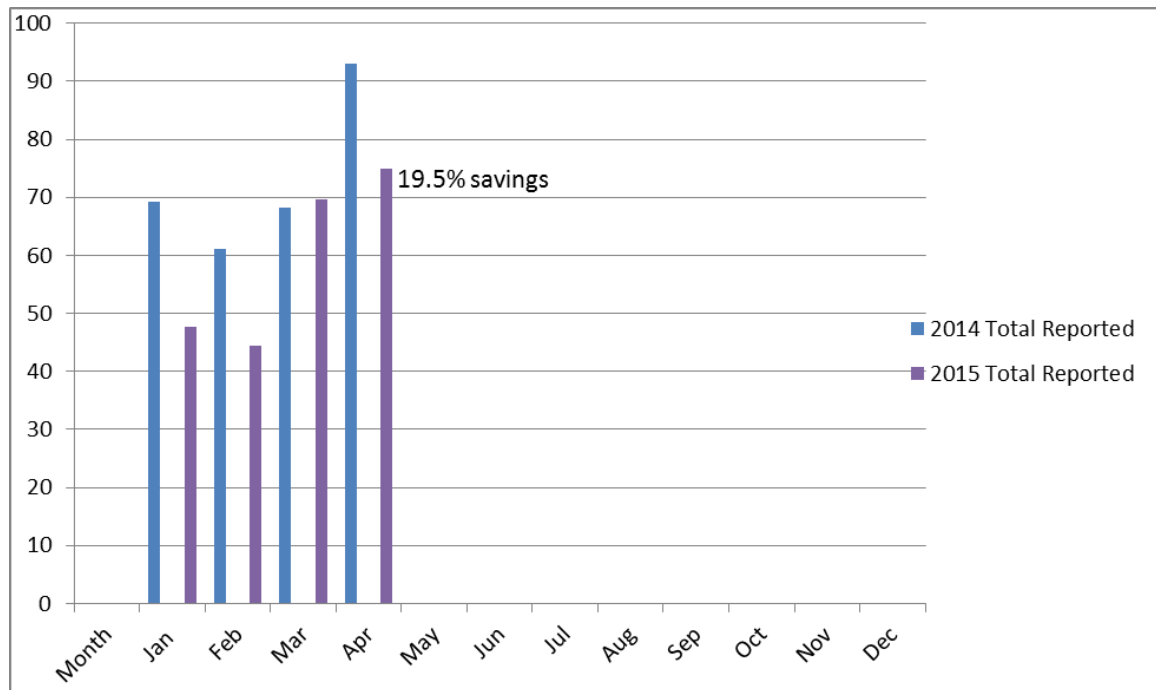
WATER SERVICES

# of Active Wells	Water Produced (MG)	Chemical (Hypo) Delivered	Fire Hydrant Flushing
5	74.9	1640	0

Note: Well 4 in lead and Well 5 in lag to offset specific conductivity

2015 Water Production Table (MG) by Month

January	February	March	April	May	June
47.6	44.5	69.6	74.9		
July	August	September	October	November	December



Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	Brown Water Calls
16	0	0	0

WASTEWATER SERVICE

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>March Lab Data</i>	<i>April Lab Data</i>
Flow, MG Effluent, monthly total		36.7	36.5
Flow, MG Daily Influent Flow, avg.	N/A	1.43	1.46
Flow, MG Daily Discharge Flow, avg.	2.1	1.18	1.22
Effluent BOD ₅ , lbs/d, monthly avg.	350	34	27
Effluent TSS, lbs/d, monthly avg.	525	63	69
Effluent BOD ₅ , mg/L, monthly avg.	20	3	2
Effluent TSS, mg/L, monthly avg.	30	6	5
Total Coli form 7 day Median Max	23	0	5
Total Coli form Daily Maximum	240	2	11
% Removal BOD ₅ , monthly avg.	85% min.	98	99
% Removal, TSS, monthly avg.	85% min.	96	94
Electrical Conductivity, umhos/cm annual avg.	2100	1970	1985

Wastewater Laboratory Analysis

Blue – new parameter added

National Pollution Discharge Elimination System (NPDES)

NPDES Related Excursions	Permit Parameter	NPDES Parameter Limit	Actual Parameter Result
0	None	0	N/A

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	7-Day Median Excursion
13	0	0	0

# of Active Lift Stations	# of Inactive Lift Stations	Chemical Usage Polymer-gals	SSO	Wastewater Received (MG)
15	0	46.8	0	44.0

COLLECTION:

- Flushed 0 ft. of sanitary sewer lines, YTD 25763 ft.
- CCTV 25463 ft. entire system completed (Deadline is May 2015)
- Inspected 0 manhole & covers. 113 YTD
- Performed valve exercising
- Performed weekly lift station inspections.

MAINTENANCE:

Preventive and Corrective

Total # of WO's Completed	Total Hours
165	143

Work Order Back-Log

Aging 8 - 30 Days	Aging > 30 Days
26	6

Call & Emergency Responses

Call Outs	Emergencies
5	0

Personnel Hours & Overtime:

Regular Hours	Overtime
1408	50.0

TERMS

WWTP	WASTEWATER TREATMENT PLANT
WTP	WATER TREATMENT PLANT
WL	WILLOW LAKE
NP	NEWPORT
VFD	VARIABLE FREQUENCY DRIVE
WO	WORK ORDER
PLC	PROGRAMMABLE LOGIC CONTROLLER
L/S	LIFT STATION
SSO	SANITARY SEWER OVERFLOW
BOD	BIOLOGICAL OXYGEN DEMAND
TSS	TOTAL SUSPENDED SOLIDS
MGD	MILLION GALLONS PER DAY
mg/l	MILLIGRAMS PER LITRE
CCTV	CLOSED CIRCUIT TELEVISION
PPM	PARTS PER MILLION
RAS	RETURN ACTIVATED SLUDGE
WAS	WATSE ACTIVATED SLUDGE
UV	ULTRAVIOLET LIGHT